| _ | 'D A A ' | CMITTAL LETTER TO THE UNIT | ED STATES DESIGNATED TO TOTAL | CHOTOMED NO. CO. CC. | | | | |
|------------|--|--|---|--|--|--|--|--|
| | KAN | SMITTAL LETTER TO THE UNIT OFFICE (D CONCERNING A SUBMISS | CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 08038.0060 | | | | | |
| | | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/566,217 | | | | |
| | | ATIONAL APPLICATION NO. 004/010050 | INTERNATIONAL FILING DATE July 14, 2004 | PRIORITY DATE CLAIMED July 29, 2003 | | | | |
| | | F INVENTION G METHOD AND PASTING APPAR | ATUS | | | | | |
| | | ANT(S) FOR DO/EO/US | THOKASE and Eiji VAMAGLICHI | | | | | |
| _ | Tsuyoshi ARUGA, Junichi HAGIHARA, Wataru OKASE, and Eiji YAMAGUCHI Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | |
| 1. | ` | | | | | | | |
| 2. | ⊠ | This is a FIRST submission of items concerning a filing under 35 U.S.C 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| 3. | | This is an express request to begin na | tional examination procedures (35 U.S.C. 371(f) | | | | | |
| 4. | | (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). | | | | | | |
| 5. | | A copy of the International Application | as filed (35 U.S.C. 371 (c)(2)). | | | | | |
| <u>.</u> ا | _ | a. is attached hereto (require | d only if not communicated by the International E | Bureau). | | | | |
| | | b. has been communicated b | y the International Bureau. | , | | | | |
| | | _ | lication was filed with the United States Receivin | g Office (RO/US). | | | | |
| 6. | | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | |
| | | a. is attached hereto. | | | | | | |
| | | <u> </u> | itted under 35 U.S.C. 154(d)(4). | | | | | |
| 7. | | Amendments to the claims of the Inter | national Application under PCT Article 19 (35 U. | S.C. 371 (c)(3)). | | | | |
| | | a. are attached hereto (requir | red only if not communicated by the International | l Bureau). | | | | |
| | | b. have been communicated by the International Bureau. | | | | | | |
| | | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | |
| | | d. have not been made and will not be made. | | | | | | |
| 8. | | An English language translation of the | amendments to the claims under PCT Article 19 | 9 (35 U.S.C. 371 (c)(3)). | | | | |
| 9. | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | | | | | |
| 10. | | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | |
| ltem | s 11 t | o 20 below concern document(s) or i | nformation included: | | | | | |
| 11. | | Information Disclosure Statement under | er 37 CFR 1.97 and 1.98 | | | | | |
| 12. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. | | A preliminary amendment. | | | | | | |
| 14. | | An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. | | A Substitute specification. | | | | | | |
| 16. | | A power of attorney and/or change of address letter. | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. | | | | | | |
| 18. | | A second copy of the published International Application under 35 U.S.C. 154 (d)(4). | | | | | | |
| 19. | | A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). | | | | | | |
| 20. | ⊠ | Other items or information: | | | | | | |
| | a. Copy of cover page of International Publication No. | | | | | | | |
| | | b. 🛛 Copy of Notification of Mis | ssing Requirements. | | | | | |
| l | | c. | ort from the Patent Office | | | | | |

| | 0/566,217 | , see 37 CFR 1.5) | PCT/JP2004/010050 | HON NO. | | NUMBER 08038.0 | |
|--------------------|---|-----------------------------|---|------------------------|------------|------------------------|-----------------|
| | The following fees have | ve been submitted: | | | | CALCULATIONS | PTO Use Only |
| 21. | 21. BASIC NATIONAL FEE (37 CFR 1.492(a)): | | | | | \$ | |
| b | 22. Examination fee (37CFR 1.492(c)) If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations | | | | | \$ | |
| Search Internat | 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) | | | | | \$ | |
| | | TOTAL of 2 | 1, 22 and 23 = | | | \$ | |
| ☐ Add | listing in compliance we electronic medium) (3 | vith 37 CFR 1.821(c) or (e) | over 100 sheets (excluding sor computer program listing in paper or fraction thereof. | | | | |
| | Total Sheets | Extra Sheets | Number of each additional thereof (round up to a who | | Rate | | |
| | - 100 = | /50= | , | , | x \$250.00 | \$ | |
| | ge of \$130.00 for furnishing neement of the national sta | | mination fee, or the oath or d | eclaration after the d | ate of | \$130.00 | |
| | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | |
| Total CI | aims | -20 = | | x \$50.0 | 0 | \$ | |
| | Independent Claims -3 = x \$200.00 | | | | | \$ | |
| MULTIF | PLE DEPENDENT CLAIM(| S) (if applicable) | | +\$360.0 | 00 | \$ | |
| | TOTAL OF ABOVE CALCULATIONS = | | | | | \$130.00 | |
| ☐ Appl | ☐ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | | | \$ | |
| | SUBTOTAL = | | | | | \$130.00 | |
| | Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)). | | | | | \$ | |
| | | | | | | \$130.00 | |
| | Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | | \$ | |
| 2007 MKAY | 7 MKAYPAGH 00000044 10566217 TOTAL FEES ENCLOSED = | | | | | \$130.00 | |
| 16.7 | .7 130.00 OP | | | | | Amount to be refunded: | \$ |
| | | | | | | charged: | \$ |
| a. ⊠ b. □ | a. A check in the amount of \$ 130.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | |
| c. ⊠ˆ | c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpaym No. 06-0916. A duplicate copy of this sheet is enclosed. | | | | | | unt |
| d. 🗆 | d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information on this form. Provide credit card information and authorization on PTO-2038. | | | | | mation should not b | e included |
| NOTE: | NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (to restore the International Application to pending status. | | | | | | nd granted |
| SEND | SEND ALL CORRESPONDENCE TO: | | | | | | |
| 901 Nev | Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413 David W. Hill Reg. No. 28,220 | | | | | | |
| DATED | March 12, 2007 | | | GISTRATION NUME | | | |
| | | | | | | | |



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. BOX 1450 Alexandria, Virginia 22313-1450

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY | , DOCKET NO. | | |
|-------------------------------|-----------------------|--|---------------|--|--|
| 10/566,217 | Tsuyoshi Aruga | .08 | 08038.0060 | | |
| 10/300,217 | , i | INTERNATIONAL APPLICATION NO. PCT/JP04/10050 | | | |
| | | | | | |
| 22852 | | I.A. FILING DATE | PRIORITY DATE | | |
| FINNEGAN, HENDERSON, FARABOW, | GARRETT & DUNNER | 07/14/2004 | 07/29/2003 | | |

FINNEGAN, HENDERSON, FARABOW, LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413

RECEIVED

FEB 0 8 2007

CONFIRMATION NO. 2017 371 FORMALITIES LETTER

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP

Date Mailed: 02/05/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/27/2006
- Copy of the International Search Report filed on 01/27/2006
- Information Disclosure Statements filed on 01/27/2006
- U.S. Basic National Fees filed on 01/27/2006
- Specification filed on 01/27/2006
- o Claims filed on 01/27/2006
- Abstracts filed on 01/27/2006
- Drawings filed on 01/27/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Total additional fees required for this application is \$130 for a Large Entity:

Docketed 2/8/07 Attorney

Case 07039-0060

Case 4.5.01/Wext

Action Deculsed - Deculsed

R C

\$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/566,217 | PCT/JP04/10050 | 08038.0060 |

FORM PCT/DO/EO/905 (371 Formalities Notice)